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|       | L5       | L1 AND L2 AND L3 AND L4                                     | 0         |
|       | L4       | GFAP OR glial fibrillary acidic protein                     | 1575      |
|       | L3       | nestin  | 1633      |
|       | L2       | MEIS2 OR PAX6 OR DLX1 OR NKX2.1                             | 148       |
|       | L1       | (lateral ganglionic eminence OR medial ganglionic eminence) | 30        |
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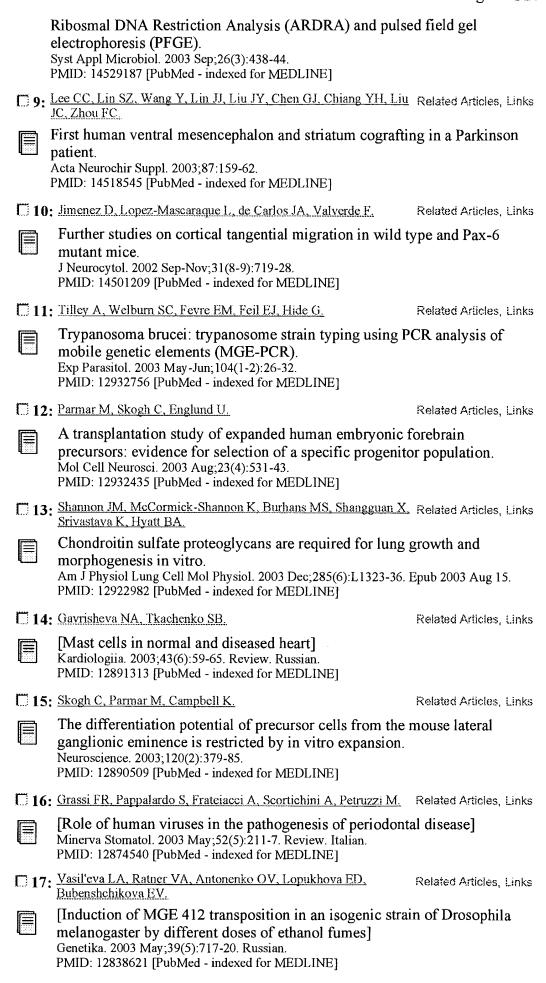
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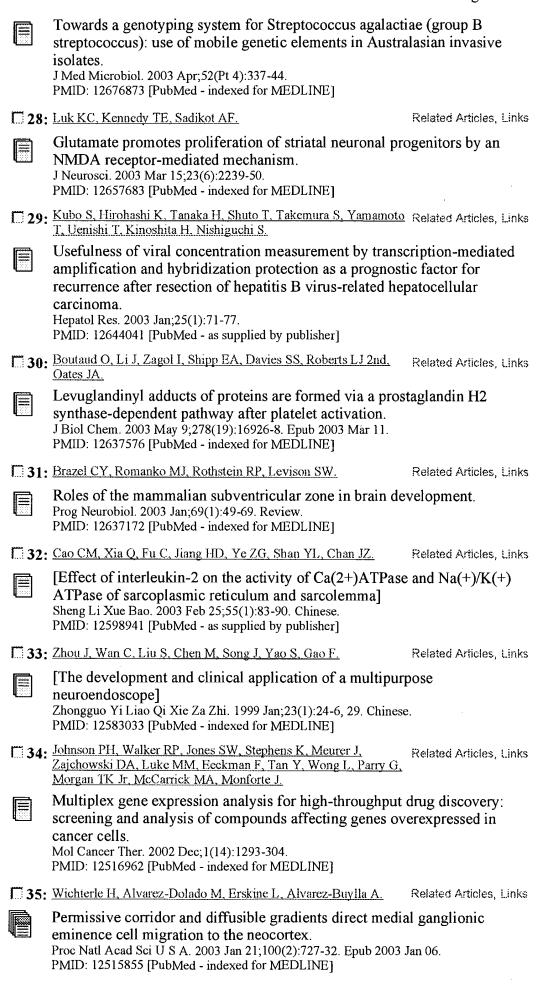
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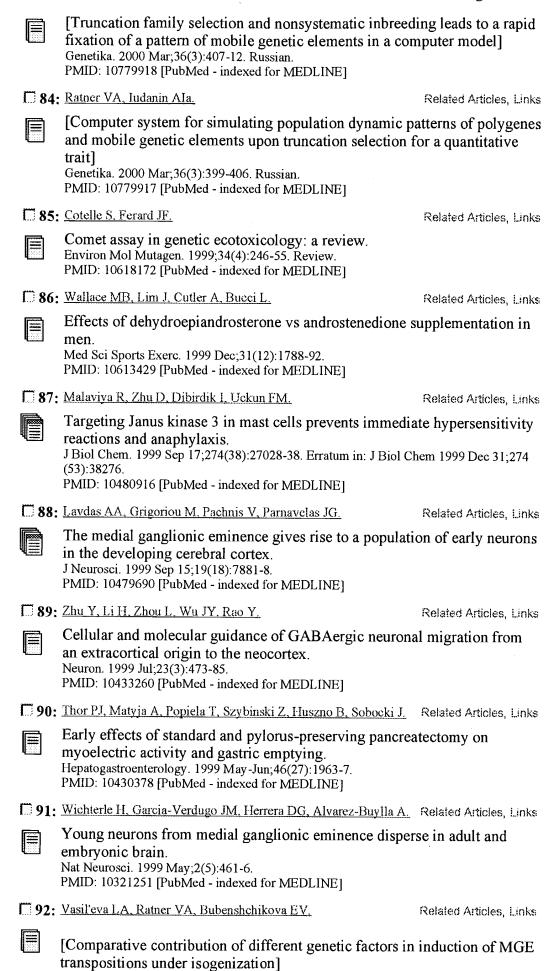
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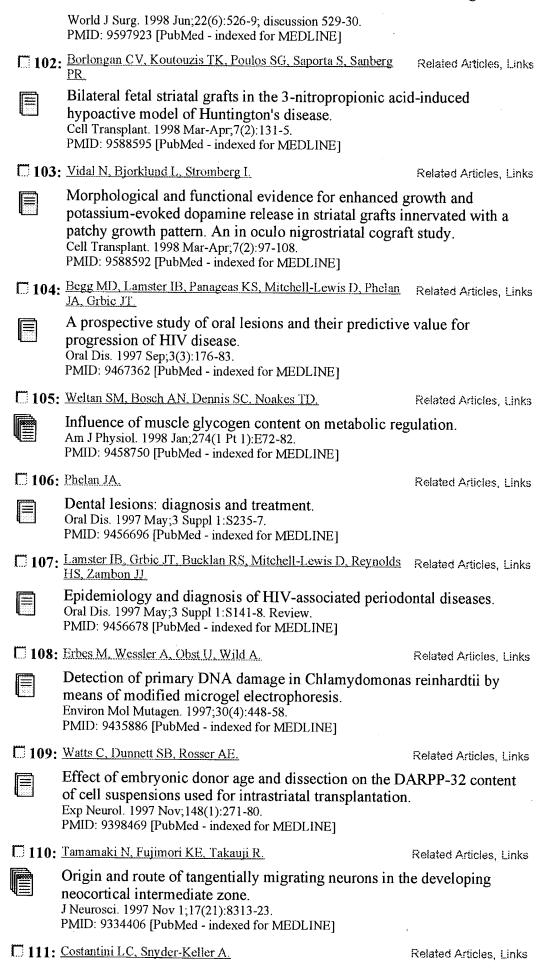
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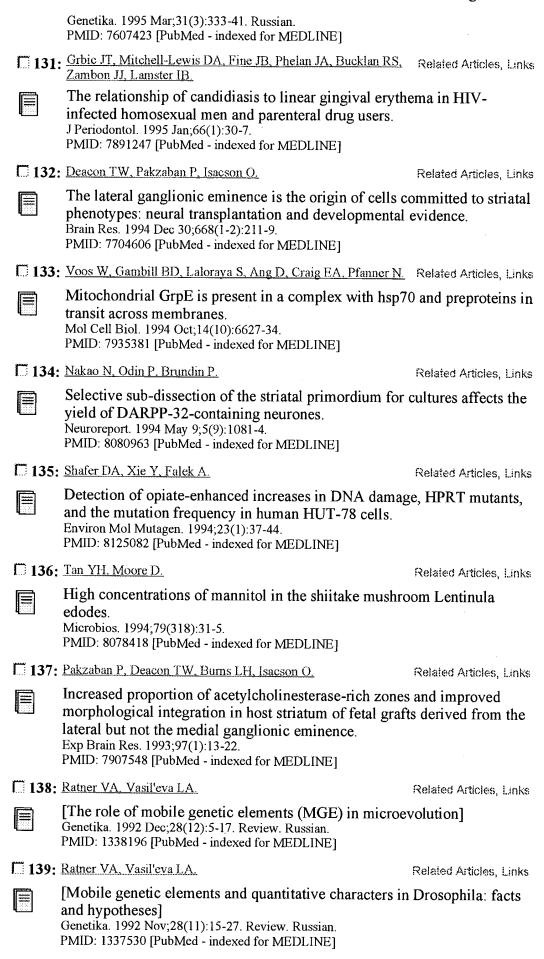
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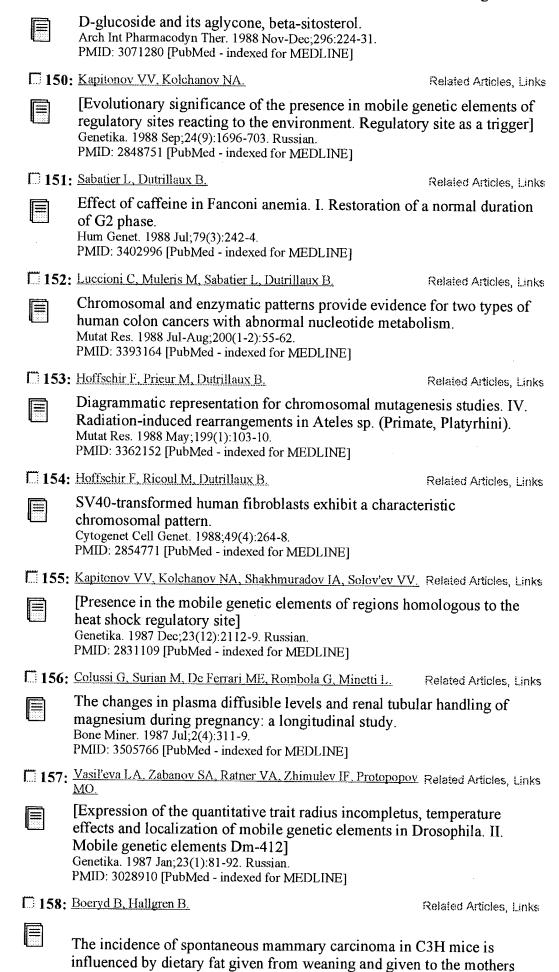
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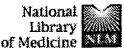
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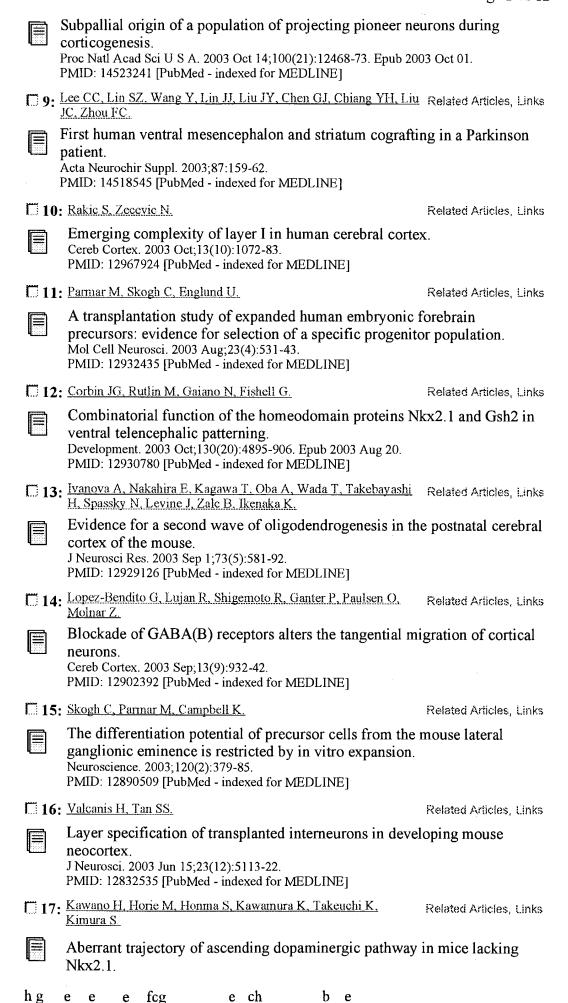
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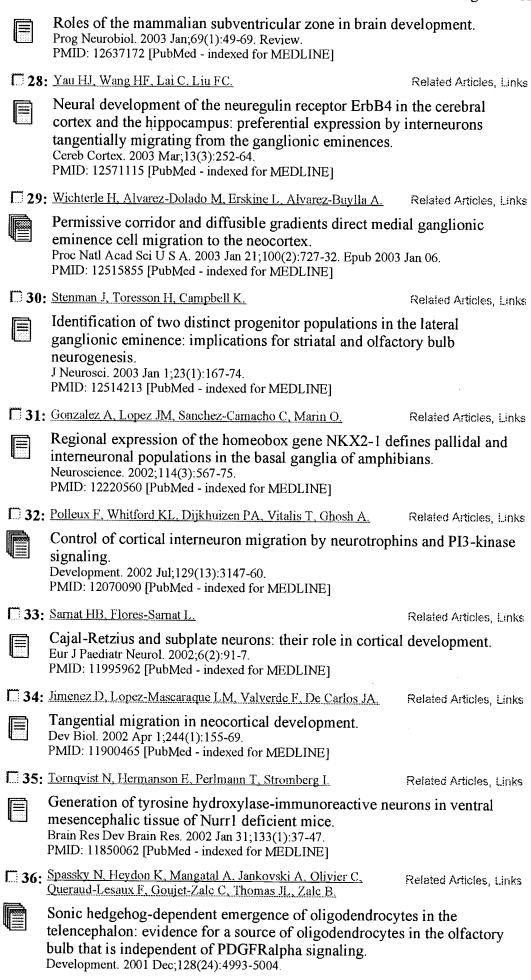
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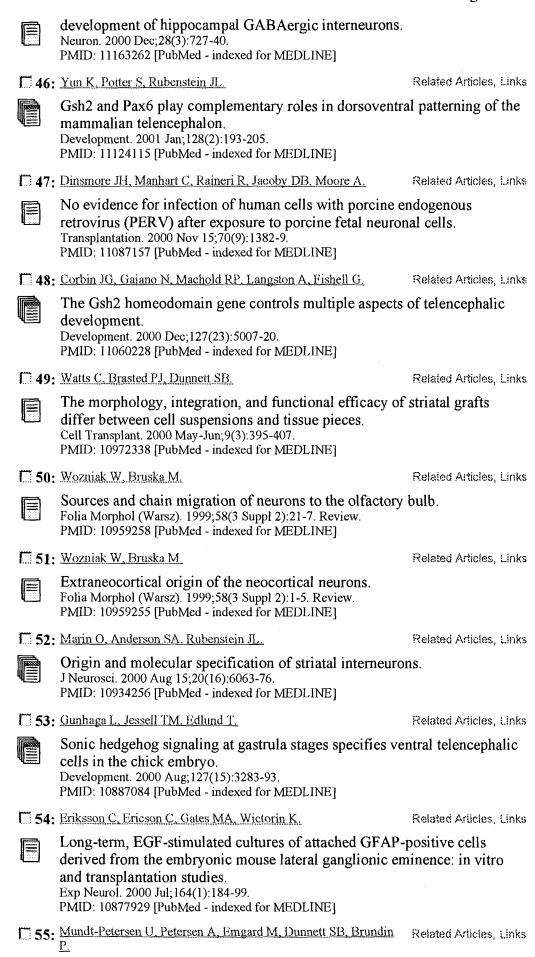
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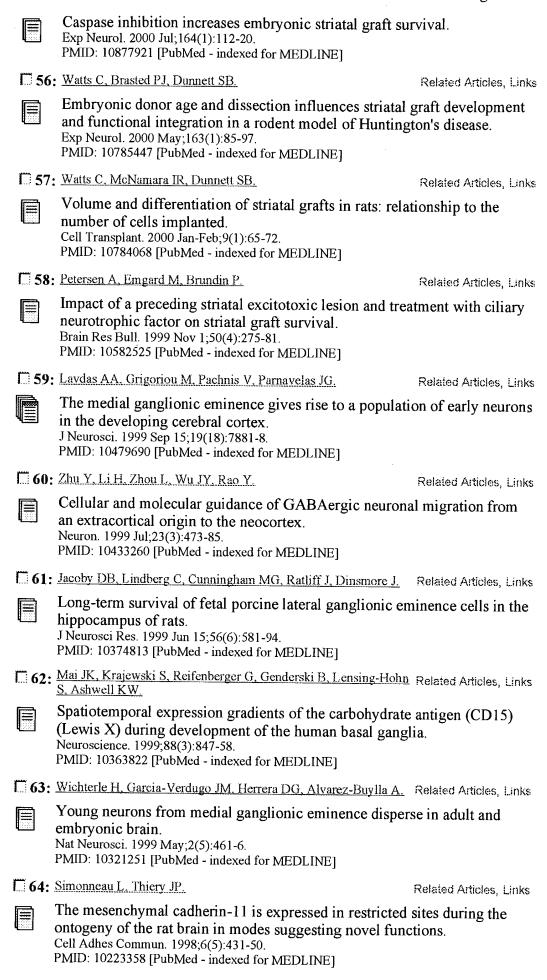


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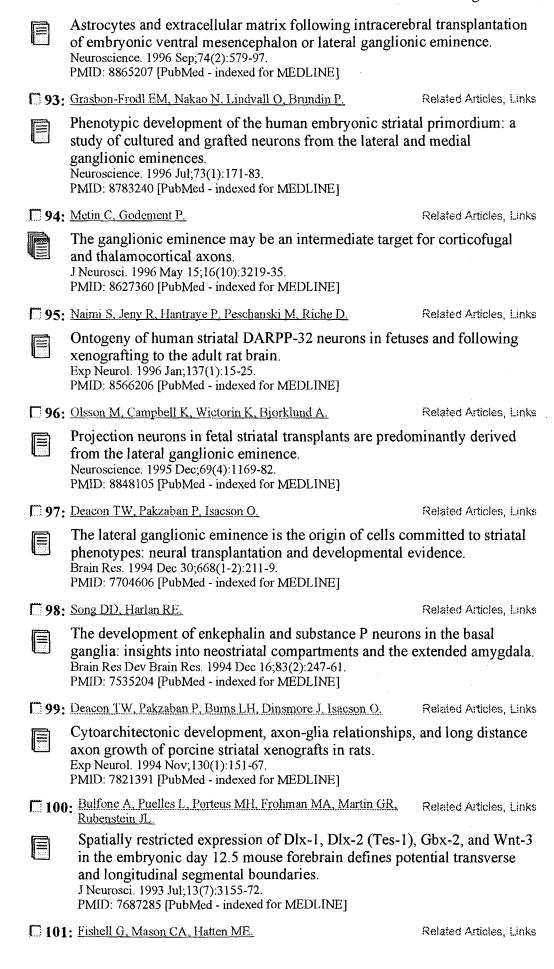
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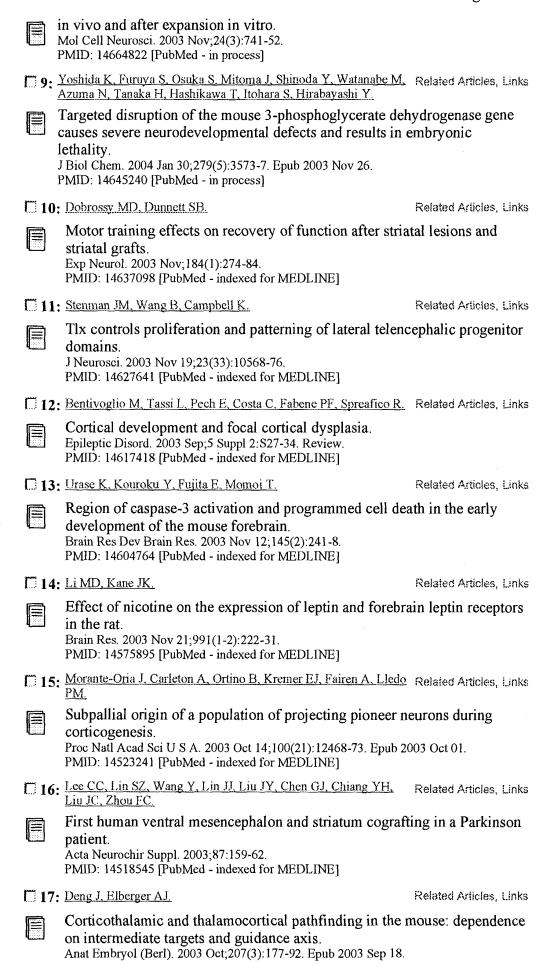
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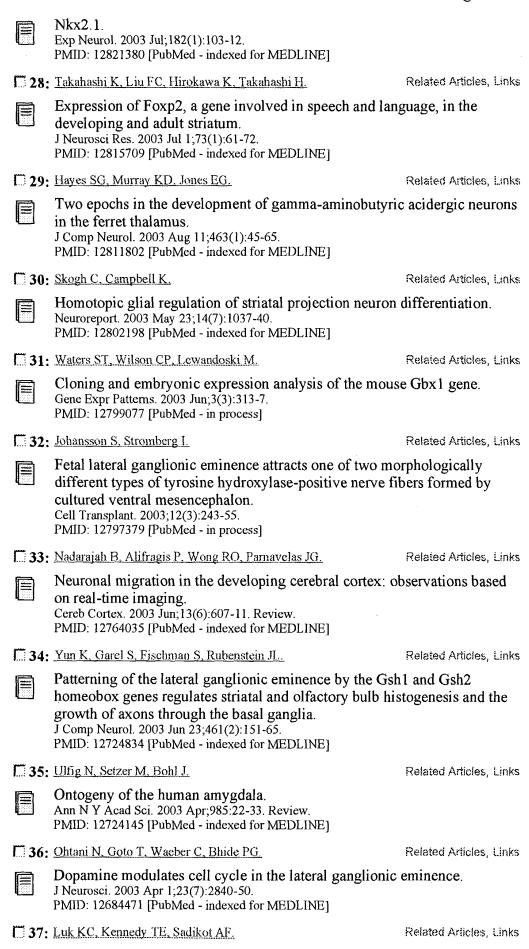
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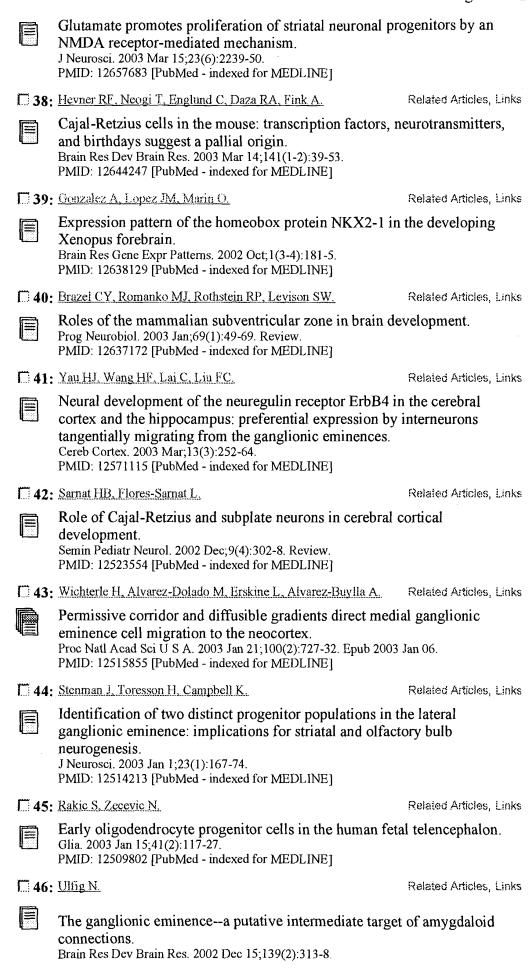
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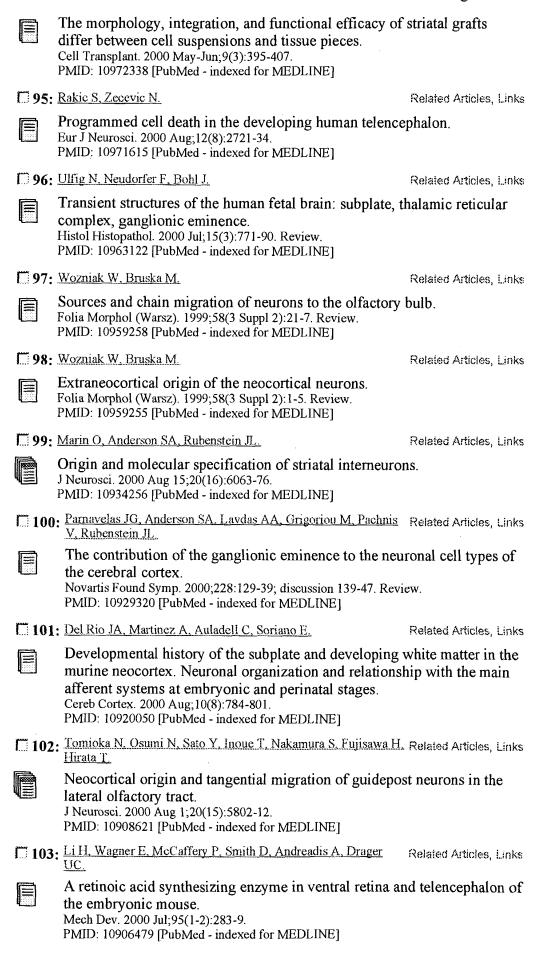
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     ASSIGNEE: CALIFORNIA INSTITUTE OF TECHNOLOGY
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     Zhou, R. [Reprint author]; Skalli, O. [Reprint author]
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     Department of Anatomy and Cell Biology, University of Illinois at Chicago,
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     808 S. Wood Street, Chicago, IL, 60612, USA
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ΑN
                   CANCERLIT
DN
     96437515
                 PubMed ID: 8840191
TI
     A neural precursor cell line derived from murine teratocarcinoma.
     Hasgekar N; Saranath D; Seshadri R; Krishnaveni L; Ghosh S; Lalitha V S
ΑU
     Neuro-Oncology Division, Tata Memorial Centre, Parel, Bombay, India.
TNTFRNATTONAL JOURNAL OF DEVELOPMENTAL BIOLOGY, ***(1996 Jun)***
CS
SO
     (3) 591-7.
     Journal code: 8917470. ISSN: 0214-6282.
CY
DT
     Journal; Article; (JOURNAL ARTICLE)
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English
LA
     MEDLINE; Priority Journals
FS
os
     MEDLINE 96437515
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     199702
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     Last Updated on STN: 19970509
L3
     ANSWER 50 OF 101 CANCERLIT ON STN
     96328932
                   CANCERLIT
ΑN
DN
     96328932
                 PubMed ID: 8726972
     Characterization and transplantation of two neuronal cell lines with
TI
     dopaminergic properties.
     Adams F S; La Rosa F G; Kumar S; Edwards-Prasad J; Kentroti S; Vernadakis
     A; Freed C R; Prasad K N
CS
     Department of Medicine, University of Colorado Health Sciences Center.
     Denver 80262, USA.
     GM 07063 (NIGMS)
NS 18639 (NINDS)
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                                                     21 (5) 619-27.
     Journal code: 7613461. ISSN: 0364-3190.
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     MEDLINE; Priority Journals
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OS
EΜ
     199611
ED
     Entered STN: 19961216
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L3
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ΑN
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     128:87049
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ΤI
     progenitor cells immortalized by p53-deficiency
AU
     Schlett, Katalin; Herberth, Balazs; Madarasz, Emilia
     Department of Comparative Physiology, Eotvos Lorand University, Budapest,
CS
     H-1088, Hung.
     International Journal of Developmental Neuroscience ( ***1997***
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CODEN: IJDND6; ISSN: 0736-5748
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               THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
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     Targeted deletion in astrocyte intermediate filament ( ***Gfap*** )
     alters neuronal physiology
     McCall, M. A.; Gregg, R. G.; Behringer, R. P.; Brenner, M.; Delaney, C.
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     Department Pathobiological Sciences, University Wisconsin-Madison,
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     1996:234197 CAPLUS
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     124:339106
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     An immortalized mouse neuroepithelial cell line with neuronal and glial
     phenotypes
     Marone, Maria; Quinones-Jenab, Vanya; Meiners, Sally; Nowakowski, Richard
     S.; Ho, Shu-Yin; Geller, Herbert M.
     Dep. Pharmacology, Dep. Neuroscience, Cell Biol., UMDNJ-Robert Wood
     Johnson Med. Sch., Piscataway, NJ, USA
                                             ***1996*** ), Volume Date 1995,
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     Developmental Neuroscience (Basel) (
     17(5-6), 311-23
     CODEN: DENED7; ISSN: 0378-5866
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     ANSWER 54 OF 101 CAPLUS COPYRIGHT 2004 ACS on STN
     1995:930205 CAPLUS
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DN
     124:52627
     Re-expression of the intermediate filament
ΤI
                                                    ***nestin***
                                                                   in reactive
     astrocytes
ΔΠ
     Lin, R. C. S.; Matesic, D. F.; Marvin, M.; McKay, R. D. G.; Brustle, O.
     Department of Anatomy and Neurobiology, Medical College of Pennsylvania,
CS
     Philadelphia, PA, 19102, USA
Neurobiology of Disease ( ***1995*** ), 2(2), 79
SO
     CODEN: NUDIEM; ISSN: 0969-9961
     Blackwell
PR
DT
     Journal
     English
L3
     ANSWER 55 OF 101 DISSABS COPYRIGHT (C) 2004 ProQuest Information and
     Learning Company; All Rights Reserved on STN
                 DISSABS
ΑN
     2000:31107
                            Order Number: AAI9954839
TI
     Effects of TGF-alpha on the malignant behavior and gene expression profile
     of U-373 MG glioblastoma cells
ΑU
     Zhou, Rixin [Ph.D.]; Skalli, Omar [adviser]
CS
     University of Illinois at Chicago (0799)
                                               ***1999*** ) Vol. 60, No. 12B,
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     2000:3949 DISSABS
                          Order Number: AAI9935495
TI
     NEURON PRODUCTION IN THE ADULT MAMMALIAN SUBEPENDYMAL ZONE (STEM CELLS,
       ***NESTIN***
                      , BRDU HISTONE)
ΑU
     THOMAS, LAMAR BRANNON [PH.D.]
CS
     THE UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES (0783)
SO
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DT
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     DAI
LA
     English
L3
     ANSWER 57 OF 101 DISSABS COPYRIGHT (C) 2004 Proquest Information and
     Learning Company; All Rights Reserved on STN
              DISSABS
                         Order Number: AAR9503840
AN
TI
     PLASTICITY IN THE STRIATUM AND SUBEPENDYMAL LAYER OF ADULT RATS IN
     RESPONSE TO CORTICAL LESIONS
     SZELE, FRANCIS GEORGE [PH.D.]; CHESSELET, MARIE-FRANCOISE [advisor]
     UNIVERSITY OF PENNSYLVANIA (0175)
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DT
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     DAI
1 A
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ED
     Entered STN: 19950316
     Last Updated on STN: 19950316
L3
     ANSWER 58 OF 101 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
     RESERVED. on STN
     1999260175 EMBASE
ΑN
     Microstructure of nonpassaged spheroids formed by EGF-responsive neural
     precursor cells in vitro.
ΑU
     Mokry J.; Subrtova D.; Nemecek S.
CS
     Dr. J. Mokry, Department Histology and Embryology, Charles University,
     Medical Faculty, Simkova 870, 500 01 Hradec Kralove, Czech Republic.
     mokry@lfhk.cuni.cz
     Electronic Journal of Pathology and Histology, (1999) 5/2 (43-56).
SO
     Refs: 38
     ISSN: 0948-0382 CODEN: EPHIFB
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     Germany
DT
     Journal; Article
FS
     008
             Neurology and Neurosurgery
     029
             Clinical Biochemistry
LA
     English
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SL
L3
       ANSWER 59 OF 101 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
       on STN
       2000097733
ΑN
                      ESBIOBASE
       Astroglial differentiation of cortical precursor cells triggered by
TI
       activation of the cAMP-dependent signaling pathway
       McManus M.F.; Chen L.-C.; Vallejo I.; Vallejo M.
Dr. M. Vallejo, Inst. de Investigaciones Biomedicas, Calle Arturo
ΑU
CS
       Duperier 4, 28029 Madrid, Spain.
                                      ***(15 OCT 1999)*** , 19/20 (9004-9015), 73
       Journal of Neuroscience,
SO
       reference(s)
       CODEN: JNRSDS ISSN: 0270-6474
       Journal; Article
DT
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CY
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       English
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       ANSWER 60 OF 101 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
L3
       on STN
       1999129144
AN
                      ESBIOBASE
TI
       Intracranial injury acutely induces the expression of the secreted
       isoform of the CNS-specific hyaluronan-binding protein BEHAB/brevican
ΑU
       Jaworski D.M.; Kelly G.M.; Hockfield S.
       D.M. Jaworski, Department of Anatomy/Neurobiology, Univ. of Vermont
CS
       College of Medicine, Burlington, VT 05405, United States.
       Experimental Neurology, ( ***1999*** ), 157/2 (327-337), 57
S0
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       CODEN: EXNEAC
                       ISSN: 0014-4886
       Journal; Article
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L3
       ANSWER 61 OF 101 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
       on STN
AN
       1997170699
                     ESBIOBASE
       Glial cells assemble hyaluronan-based pericellular matrices in vitro
TI
      Maleski M.; Hockfield S.
S. Hockfield, Section of Neurobiology, Yale University School of Medicine, 333 Cedar St., New Haven, CT 06520, United States.
GLIA, (***1997***), 20/3 (193-202), 50 reference(s)
ΑU
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SO
       CODEN: GLIAEJ ISSN: 0894-1491
DT
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       United States
CY
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       English
L3
       ANSWER 62 OF 101 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
       on STN
       1997045446
                     ESBIOBASE
ΑN
       Overexpression of
                              ***nestin***
TI
                                               and vimentin in the ependyma of spinal
       cords from hydrocephalic infants
ΑIJ
       Takano T.; Becker L.E.
       Dr. T. Takano, Department of Paediatrics, Shiga University of Medical Science, Seta-Tsukinowa-cho, Ohtsu-shi, Shiga-ken 520-21, Japan.
CS
S0
       Neuropathology and Applied Neurobiology, ( ***1997***
                                                                       ), 23/1 (3-15),
       41 reference(s)
       CODEN: NANEDL ISSN: 0305-1846
       Journal; Article
DT
      United Kingdom
CY
LA
      English
SL
      English
L3
      ANSWER 63 OF 101 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
      on STN
       1996125829
                     ESBIOBASE
TI
      In vivo characterization of endogenous proliferating cells in adult rat
      subcortical white matter
      Gensert J.M.; Goldman J.E.
ΑU
CS
      J.M. Gensert, Department of Pathology, Columbia Univ. College of P and S.
      630 W. 168th St., New York, NY 10032, United States. GLIA, ( ***1996*** ), 17/1 (39-51)
SO
      CODEN: GLIAEJ ISSN: 0894-1491
      Journal; Article
DT
      United States
CY
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LA
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       English
L3
       ANSWER 64 OF 101 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
       on STN
       1996125826
                    ESBIOBASE
ΑN
       Young neurons from the adult subependymal zone proliferate and migrate along an astrocyte, extracellular matrix-rich pathway
TI
       Thomas L.B.; Gates M.A.; Steindler D.A.
ΑU
      Dr. L.B. Thomas, Department of Anatomy/Neurobiology, University of
CS
       Tennessee, 855 Monroe Avenue, Memphis, TN 38163, United States. GLIA, ( ***1996*** ), 17/1 (1-14)
SO
       CODEN: GLIAEJ
                      ISSN: 0894-1491
       Journal; Article
DT
      United States
CY
      English
LA
SL
      English
L3
     ANSWER 65 OF 101 IFIPAT COPYRIGHT 2004 IFI on STN
      03175702 IFIPAT; IFIUDB; IFICDB
ΑN
      MAMMALIAN MULTIPOTENT NEURAL STEM CELLS; DIFFERENTIATING GENETICALLY
TI
      ENGINEERED NEURAL CREST STEM CELL TO SMOOTH MUSCLE CELLS OR PERIPHERAL
      NERVOUS SYSTEM NEURONAL CELLS OR GLIAL CELLS; FOR TRANSPLANTATION ASSAYS
      Anderson David J; Stemple Derek L
IN
PA
      California Institute of Technology (13190)
PΙ
      us 5928947
                            19990727
                       Α
      US 1995-483142
                            19950607
ΑI
      US 1992-920617
RLI
                            19920727 CONTINUATION-IN-PART
                                                               ABANDONED
      US 1992-969088
                            19921029 CONTINUATION-IN-PART
                                                               ABANDONED
      wo 1993-us7000
                            19930726 CONTINUATION-IN-PART
      US 1994-188286
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FI
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                            19990727
      US 5654183
DT
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                IFIPAT; IFIUDB; IFICDB
AN.
TI
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IN
      Anderson David J; Stemple Derek L
      California Institute of Technology (13190)
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      007643
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       44 Drawing Sheet(s), 111 Figure(s).
L3
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      02913480 IFIPAT; IFIUDB; IFICDB
AN
TI
      NEURAL CHEST STEM CELL ASSAY; DETERMINING EFFECT OF (ACTIVE) MATERIALS ON
      NEURAL CREST CELL REGENERATION BY ADDING THEM TO CULTURE MEDIA, THEN
      EVALUATING CELL MORPHOLOGY AND GENETICS
ΙN
      Anderson David J; Stemple Derek L
      California Institute of Technology (13190)
PA
PΙ
      US 5693482
                            19971202
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      US 1995-474506
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DT
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GΙ
        23 Drawing Sheet(s), 62 Figure(s).
 L3
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 AN
       02798589 IFIPAT; IFIUDB; IFICDB
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       MAMMALIAN NEURAL CREST STEM CELLS; CLONING, TRANSPLANTING
 IN
       Anderson David J; Stemple Derek L
       California Institute of Technology (13190)
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 ΡI
       us 5589376
                            19961231
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                                      (CITED IN 012 LATER PATENTS)
ΑI
       US 1994-290228
                            19940815
       US 1992-920617
 RLI
                            19920727 CONTINUATION
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 FI
       us 5589376
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DT
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L3
      ANSWER 69 OF 101
                           MEDLINE on STN
      97433421
ΑN
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DN
      PubMed ID: 8980011
      Re-expression of the intermediate filament ***nestin***
                                                                    in reactive
     Lin R C; Matesic D F; Marvin M; McKay R D; Brustle O
ΑU
CS
     Department of Anatomy and Neurobiology, Medical College of Pennsylvania
     and Hahnemann University, Philadelphia, PA 19102, USA.
SO
     Neurobiology of disease, ***(1995 Apr)***
      Journal code: 9500169. ISSN: 0969-9961.
     United States
CY
     Journal; Article; (JOURNAL ARTICLE)
DT
LA
     English
     Priority Journals
FS
EΜ
     199710
ED
     Entered STN: 19971013
     Last Updated on STN: 20000303
     Entered Medline: 19971002
L3
     ANSWER 70 OF 101
                           MEDLINE on STN
     97360043
AN
                   MEDLINE
DN
     PubMed ID: 9217071
TI
     Survival, integration, and differentiation of neural stem cell lines after
     transplantation to the adult rat striatum.
ΑU
     Lundberg C; Martinez-Serrano A; Cattaneo E; McKay R D; Bjorklund A
     wallenberg Neuroscience Center, Department of Physiology and Neuroscience,
CS
     University of Lund, Sweden.
NC
     NS 06701 (NINDS)
     Experimental neurology,
SO
                                ***(1997 Jun)***
                                                    145 (2 Pt 1) 342-60.
     Journal code: 0370712. ISSN: 0014-4886.
CY
     United States
DT
     Journal; Article; (JOURNAL ARTICLE)
     English
LA
     Priority Journals
FS
EM
     199707
ED
     Entered STN: 19970812
     Last Updated on STN: 19970812
     Entered Medline: 19970731
     ANSWER 71 OF 101 PROMT COPYRIGHT 2004 Gale Group on STN
L3
ACCESSION NUMBER:
                     1998:578539 PROMT
TITLE:
                     CytoTherapeutics Researchers Demonstrate Potential for
                     Human Neural Stem Cells to Repair or Replace CNS Tissue. Business Wire, ( ***9 Nov 1998*** ) pp. 1351.
SOURCE:
LANGUAGE:
                     English
WORD COUNT:
                       1701
                     *FULL TEXT IS AVAILABLE IN THE ALL FORMAT*
L3
     ANSWER 72 OF 101 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN
AN
     1999:112648
                  SCISEARCH
GΑ
     The Genuine Article (R) Number: 162FB
       ***Nestin***
ΤI
                      in the liver - Lessons from the brain
     Messing A (Reprint)
ΑU
     UNIV WĪSCONSIN, WAISMAN CTR, 1500 HIGHLAND AVE, MADISON, WI 53705
CS
     (Reprint); UNIV WISCONSIN, SCH VET MED, MADISON, WI 53705
CYA
     USA
     HEPATOLOGY, ( ***FEB 1999*** ) Vol. 29, No. 2, pp. 602-603.
SO
     Publisher: W B SAUNDERS CO, INDEPENDENCE SQUARE WEST CURTIS CENTER, STE
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300, PHILADELPHIA, PA 19106-3399.
       ISSN: 0270-9139.
 DT
       Editorial; Journal
       LIFE; CLIN
 FS
       English
 LA
 REC
      Reference Count: 26
 L3
       ANSWER 73 OF 101 USPATFULL on STN
         2003:285185 USPATFULL
 ΑN
 TI
         Isolated mammalian neural stem cells, methods of making such cells
         Steindler, Dennis A., Memphis, TN, United States Laywell, Eric D., Memphis, TN, United States
 IN
         Kukekou, Valery G., Memphis, TN, United States
         Thomas, L. Brannon, Johnson City, TN, United States
 PA
         University of Tennessee Research Foundation, United States (U.S.
         corporation)
 PΙ
         us 6638763
                                     20031028
                               R1
         wo 9830678
                      19980716
         US 1999-402227
 ΑT
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         WO 1998-US366
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                                19970107 (60)
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         INCLS: 435/377.000; 435/384.000; 435/325.000
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                 435/368.000
         NCLM:
         NCLS:
                435/325.000; 435/377.000; 435/384.000
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         435/325; 435/377; 435/378; 435/379; 435/383; 435/384; 435/395; 435/402;
EXF
L3
      ANSWER 74 OF 101 USPATFULL on STN
         2002:340241 USPATFULL
ΑN
         Cultures of human CNS neural stem cells
TI
        Carpenter, Melissa, Foster City, CA, United States
IN
         Cytotherapeutics, Inc., Lincoln, RI, United States (U.S. corporation)
PΑ
PΙ
        US 6498018
                                    20021224
                              В1
        WO 9911758
                      19990311
                                                                               <--
        US 2000-486302
ΑI
                                    20001016 (9)
        WO 1998-US18597
                                    19980904
                                    20001016 PCT 371 date
RLI
        Continuation-in-part of Ser. No. US 1997-926313, filed on 5 Sep 1997,
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FS
        GRANTED
LN.CNT 1113
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        INCLS: 435/368.000
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        NCLM: 435/029.000
        NCLS: 435/368.000
IC
        [7]
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EXF
        435/4; 435/368; 435/6; 435/29; 435/467
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 75 OF 101 USPATFULL ON STN
L3
AN
        1999:163509 USPATFULL
        Methods for differentiating neural stem cells to neurons or smooth
TI
        muscle cells using TGT-beta. super family growth factors
        Anderson, David J., Altadena, CA, United States
Shah, Nirao M., New York, NY, United States
ΙN
        California Institute of Technology, Pasadena, CA, United States (U.S.
PA
        corporation)
        us 6001654
PΙ
                                    19991214
ΑI
        US 1997-846028
                                    19970425 (8)
        Continuation-in-part of Ser. No. US 1994-188286, filed on 28 Jan 1994, now patented, Pat. No. US 5654183 which is a continuation-in-part of
RLI
       Ser. No. WO 1993-US7000, filed on 26 Jul 1993 which is a continuation-in-part of Ser. No. US 1992-969088, filed on 29 Oct 1992, now abandoned which is a continuation-in-part of Ser. No. US
        1992-920617, filed on 27 Jul 1992, now abandoned
PRAI
        US 1997-44797P
                               19970424 (60)
DT
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FS
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LN.CNT 2392
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                435/325.000; 435/352.000; 435/353.000; 435/368.000; 435/375.000
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        ICM: C12N005-16
EXF
        435/325; 435/375; 435/352; 435/353; 435/377; 435/368
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 76 OF 101 USPATFULL ON STN
        1999:141572 USPATFULL
AN
        In vitro induction of dopaminergic cells
TI
        Weiss, Samuel, Alberta, Canada
ΙN
        Reynolds, Brent, Alberta, Canada
PA
        NeuroSpheres Holdings Ltd., Calgary, Canada (non-U.S. corporation)
                                    19991109
PΙ
        us 5981165
        us 1995-482079
                                    19950607 (8)
ΑI
        Continuation-in-part of Ser. No. US 1994-339090, filed on 14 Nov 1994,
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        now abandoned which is a continuation-in-part of Ser. No. US
        1994-270412, filed on 5 Jul 1994, now abandoned which is a continuation
        of Ser. No. US 1991-726812, filed on 8 Jul 1991, now abandoned
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        Utility
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        INCLS: 424/093.700; 435/325.000; 514/002.000; 530/399.000
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        [6]
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        ICS: C12N005-00; A61K038-30
EXF
        424/92R; 424/93.7; 435/1; 435/240.2; 435/4; 435/325; 514/2; 530/399
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 77 OF 101 USPATFULL ON STN
AN
        1999:141292 USPATFULL
        Growth factor-induced proliferation of neural precursor cells in vivo
TI
IN
        Weiss, Samuel, Alberta, Canada
        Reynolds, Brent, Alberta, Canada
PA
        NeuroSpheres Holdings Ltd., Calgary, Canada (non-U.S. corporation)
ΡI
        us 5980885
                                    19991109
        us 1995-486307
ΑI
                                    19950607 (8)
        Continuation-in-part of Ser. No. US 1994-270412, filed on 5 Jul 1994, now abandoned Ser. No. Ser. No. US 1995-385404, filed on 7 Feb 1995, now
RLI
        abandoned Ser. No. Ser. No. US 1994-359945, filed on 20 Dec 1994, now
        abandoned Ser. No. Ser. No. US 1995-376062, filed on 20 Jan 1995, now
        abandoned Ser. No. Ser. No. US 1993-149508, filed on 9 Nov 1993, now
        abandoned Ser. No. Ser. No. US 1994-311099, filed on 23 Sep 1994, now
        abandoned And Ser. No. US 1994-338730, filed on 14 Nov 1994, now
        abandoned which is a continuation-in-part of Ser. No. US 1991-726812,
        filed on 8 Jul 1991, now abandoned , said Ser. No. US 270412 which is a continuation of Ser. No. US 726812 , said Ser. No. US 385404 which is a
        continuation of Ser. No. US 1992-961813, filed on 16 Oct 1992,
        abandoned which is a continuation-in-part of Ser. No. US 726812
        Ser. No. US 359945 which is a continuation of Ser. No. US 1994-221655,
        filed on 1 Apr 1994, now abandoned which is a continuation of Ser. No.
        US 1992-967622, filed on 28 Oct 1992, now abandoned which is a
        continuation-in-part of Ser. No. US 726812, said Ser. No. US 376062 which is a continuation of Ser. No. US 1993-10829, filed on 29 Jan 1993,
        now abandoned which is a continuation-in-part of Ser. No. US 726812
        said Ser. No. US 149508 which is a continuation-in-part of Ser. No.
                  said Ser. No. US 311099 which is a continuation-in-part of Ser.
        No. US 726812
DT
        Utility
FS
        Granted
LN.CNT 4215
        INCLM: 424/093.210
INCL
        INCLS: 424/093.100; 424/093.200; 435/325.000; 435/360.000; 435/366.000; 435/368.000; 435/377.000; 435/383.000; 435/384.000; 435/440.000; 435/455.000; 435/456.000; 435/457.000; 514/002.000; 514/044.000
NCL
                424/093.210
        NCLM:
                424/093.100; 424/093.200; 435/325.000; 435/360.000; 435/366.000; 435/368.000; 435/377.000; 435/383.000; 435/384.000; 435/440.000; 435/455.000; 435/456.000; 435/457.000; 514/002.000; 514/044.000
        NCLS:
IC
        [6]
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ICM: A01N063-00
        ICS: A01N043-04; C12N005-00; C12N005-08
        435/240.2; 435/325; 435/360; 435/366; 435/368; 435/377; 435/383;
EXF
        435/455; 435/456; 435/457; 514/2; 514/44; 424/93.1; 424/93.2; 424/93.21
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 78 OF 101 USPATFULL on STN
L3
AN
        1999:128445 USPATFULL
        Human CNS neural stem cells
TI
IN
        Carpenter, Melissa, Lincoln, RI, United States
PA
        Cytotherapeutics, Inc., Providence, RI, United States (U.S. corporation)
PΙ
       us 5968829
                                 19991019
       US 1997-926313
                                 19970905 (8)
ΑI
DT
        Utility
FS
        Granted
LN.CNT 942
INCL
        INCLM: 435/467.000
       INCLS: 435/368.000; 435/377.000; 424/093.700
NCLM: 435/467.000
NCL
       NCLS:
               424/093.700; 435/368.000; 435/377.000
TC
        [6]
       ICM: C12N005-08
        ICS: C12N005-10
       435/368; 435/377; 435/467; 424/93.7
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 79 OF 101 USPATFULL on STN
L3
       1999:117338 USPATFULL
AN
TI
       Engraftable human neural stem cells
ΙN
       Snyder, Evan Y., Jamaica Plain, MA, United States
       Wolfe, John H., Philadelphia, PA, United States
Kim, Seung U., Vancouver, Canada
       The Children's Medical Center Corp., Boston, MA, United States (U.S.
PA
       corporation)
PΙ
       us 5958767
                                19990928
       US 1998-133873
ΑI
                                19980814 (9)
DT
       Utility
FS
       Granted
LN.CNT 1267
       INCLM: 435/368.000
INCL
       INCLS: 435/455.000
NCL
              435/368.000
       NCLM:
              435/455.000
       NCLS:
IC
       [6]
       ICM: C12N005-08
       935/325; 935/366; 935/368; 935/455
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 80 OF 101 USPATFULL on STN
       1999:117260 USPATFULL
ΑN
TI
       Characterization of mRNA patterns in neurites and single cells for
       medical diagnosis and therapeutics
IN
       Eberwine, James, Philadelphia, PA, United States
       Dichter, Marc, Penn Valley, PA, United States
       Miyashiro, Kevin, Philadelphia, PA, United States
       The Trustees of the University of Pennsylvania, Philadelphia, PA, United
PA
       States (U.S. corporation)
PΙ
                                19990928
       us 5958688
                                19970428 (8)
ΑI
       US 1997-848131
RLI
       Continuation-in-part of Ser. No. US 334254
DT
       Utility
FS
       Granted
LN.CNT 966
INCL
       INCLM: 435/006.000
       INCLS: 435/091.210; 435/091.510; 536/023.500; 536/024.310; 536/024.330
NCL
       NCLM: 435/006.000
       NCLS:
              435/091.210; 435/091.510; 536/023.500; 536/024.310; 536/024.330
IC
       [6]
       ICM: C12Q001-68
       ICS: C12P019-34; C07H021-04
EXF
       435/6; 435/91.21; 435/91.51; 536/235; 536/24.31; 536/24.33; 935/78
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 81 OF 101 USPATFULL on STN
AN
       1999:19376 USPATFULL
TI
       Homologous recombination for animal model exhibiting reduced levels or
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elimination of a neuronal intermediate filament protein
        Julien, Jean-Pierre, 571 Rue Goumod, Montreal, Quebec H2R 1C1, Canada
ΙN
        Zhu, Qinzhang, 4396 Richard, Pierrefonds, Quebec H9H 2R5, Canada
PI
        us 5869718
                                   19990209
ΑI
        us 1996-683601
                                   19960715 (8)
        Utility
DT
        Granted
FS
LN.CNT 1070
INCL
        INCLM: 800/002.000
        INCLS: 435/172.300; 800/DIG.001
NCL
               800/009.000
        NCLM:
        NCLS:
               800/012.000; 800/018.000; 800/021.000; 800/022.000; 800/025.000
IC
        [6]
        ICM: C12N005-00
        ICS: C12N015-00
        800/2; 800/DIG.1-6; 435/172.3
FXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 82 OF 101 USPATFULL on STN
L3
ΑN
        1999:16108 USPATFULL
        Transgenic mice expressing TSSV40 large T antigen
TI
ΙN
        Jat, Parmjit Singh, London, England
       Kioussis, Dimitris, London, England
Noble, Mark David, Berkhamstead, England
        Ludwig Institute For Cancer Research, New York, NY, United States (U.S.
PA
        corporation)
PΙ
        us 5866759
                                   19990202
                                                                            <--
        us 1997-887095
                                   19970702 (8)
ΑI
        Division of Ser. No. US 1993-17320, filed on 11 Feb 1993, now patented,
RLI
        Pat. No. US 5688692 which is a continuation of Ser. No. US 1991-657809,
        filed on 20 Feb 1991, now abandoned
        Utility
DT
FS
        Granted
LN.CNT
       1955
        INCLM: 800/002.000
INCL
        INCLS: 435/354.000; 935/059.000
NCL
        NCLM:
               800/018.000
        NCLS:
               435/354.000
IC
        [6]
        ICM: C12N005-00
        ICS: C12N015-00
EXF
        800/2; 800/DIG.1; 435/354
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 83 OF 101 USPATFULL on STN
        1999:4408 USPATFULL
ΑN
        Control of cell growth in a bioartificial organ with extracellular
TI
       matrix coated microcarriers
IN
       Schinstine, Malcolm, Ben Salem, PA, United States
       Shoichet, Molly S., Toronto, Canada
        Gentile, Frank T., Warwick, RI, United States
       Hammang, Joseph P., Barrington, RI, United States
Holland, Laura M., Horsham, PA, United States
       Cain, Brian M., Everett, MA, United States
       Doherty, Edward J., Mansfield, MA, United States
       Winn, Shelley R., Smithfield, RI, United States
       Aebischer, Patrick, Lutry, Switzerland
       CytoTherapeutics, Inc., United States (U.S. corporation)
PA
PΙ
       us 5858747
                                   19990112
       US 1995-447810
ΑI
                                   19950523 (8)
       Division of Ser. No. US 1995-432698, filed on 9 May 1995 which is a continuation-in-part of Ser. No. US 1994-279773, filed on 20 Jul 1994
RLI
DT
       Utility
FS
       Granted
LN.CNT 2333
       INCLM: 435/182.000
INCL
       INCLS: 424/093.210; 424/093.700; 424/422.000; 435/176.000; 435/177.000; 435/178.000; 435/377.000; 435/382.000; 435/395.000; 435/403.000;
               435/289.100
       NCLM:
               435/182.000
NCL
       NCLS:
               424/093.210; 424/093.700; 424/422.000; 435/176.000; 435/177.000;
               435/178.000; 435/289.100; 435/377.000; 435/382.000; 435/395.000;
               435/403.000
IC
        [6]
       ICM: C12N011-04
       ICS: C12N005-06; C12N005-08; C12N011-02
```

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435/178; 435/240.2; 435/240.22; 435/240.23; 435/240.24; 435/240.241;
EXF
        435/240.242; 435/240.243; 435/182; 435/176; 435/177; 435/377; 435/382;
        435/395; 435/403; 435/289.1; 424/93.7; 424/93.21; 424/422
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 84 OF 101 USPATFULL ON STN
        1998:161993 USPATFULL
AN
        Methods and compositions of growth control for cells encapsulated within
TI
        bioartificial organs
IN
        Schinstine, Malcolm, Ben Salem, PA, United States
        Shoichet, Molly S., Toronto, Canada
Gentile, Frank T., Warwick, RI, United States
        Hammang, Joseph P., Barrington, RI, United States
        Holland, Laura M., Horsham, PA, United States
        Cain, Brian M., Everett, MA, United States
        Doherty, Edward J., Mansfield, MA, United States
        Winn, Shelley R., Smithfield, RI, United States
        Aebischer, Patrick, Lutry, Canada
CytoTherapeutics, Inc., Lincoln, RI, United States (U.S. corporation)
PA
PΙ
        us 5853717
                                     19981229
                                     19950523 (8)
        us 1995-447356
ΑI
        Division of Ser. No. US 1995-432698, filed on 9 May 1995 which is a
RLI
        continuation-in-part of Ser. No. US 1994-279773, filed on 20 Jul 1994
DT
        Utility
        Granted
FS
LN.CNT 2340
        INCLM: 424/093.210
INCL
        INCLS: 435/326.000; 435/372.200; 435/372.300; 435/382.000
                424/093.210
NCL
                435/326.000; 435/372.200; 435/372.300; 435/382.000
IC
        [6]
        ICM: A01N063-00
        435/240; 435/243; 435/402; 435/395; 435/382; 435/372.3; 435/372.2; 435/382.2; 435/326; 424/93.21; 427/2.24
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 85 OF 101 USPATFULL ON STN
        1998:159764 USPATFULL
ΑN
        In vitro growth and proliferation of multipotent neural stem cells and
TI
        their progeny
        Weiss, Samuel, Alberta, Canada
IN
        Reynolds, Brent, Alberta, Canada
        Hammang, Joseph P., Barrington, RI, United States
Baetge, E. Edward, Barrington, RI, United States
PA
        Neurospheres, Ltd., Canada (non-U.S. corporation)
PΙ
        US 5851832
                                     19981222
                                                                                 <--
ΑI
        us 1995-486648
                                     19950607 (8)
        Continuation-in-part of Ser. No. US 1994-270412, filed on 5 Jul 1994
RLI
        now abandoned which is a continuation of Ser. No. US 1991-726812, filed
        on 8 Jul 1991, now abandoned And a continuation-in-part of Ser. No. US 1995-385404, filed on 7 Feb 1995, now abandoned which is a continuation of Ser. No. US 1992-961813, filed on 16 Oct 1992, now abandoned which is a continuation-in-part of Ser. No. US 726812 And Ser. No. US
        1994-359945, filed on 20 Dec 1994, now abandoned which is a continuation
        of Ser. No. US 1994-221655, filed on 1 Apr 1994, now abandoned which is
        a continuation of Ser. No. US 1992-967622, filed on 28 Oct 1992, now
        abandoned which is a continuation-in-part of Ser. No. US 1991-726812
        filed on 8 Jul 1991, now abandoned And Ser. No. US 1995-376062, filed on
        20 Jan 1995, now abandoned which is a continuation of Ser. No. US 1993-10829, filed on 29 Jan 1993, now abandoned which is a continuation-in-part of Ser. No. US 726812 And Ser. No. US 1993-149508,
        filed on 9 Nov 1993, now abandoned which is a continuation-in-part of
        Ser. No. US 726812 And Ser. No. US 1994-311099, filed on 23 Sep 1994,
        now abandoned which is a continuation-in-part of Ser. No. US 726812 And
        Ser. No. US 1994-338730, filed on 14 Nov 1994, now abandoned which is a
        continuation-in-part of Ser. No. US 726812
DT
        Utility
FS
        Granted
LN.CNT 4487
INCL
        INCLM: 435/368.000
        INCLS: 435/325.000; 435/366.000; 435/383.000; 435/384.000
NCL
                435/368.000
                435/325.000; 435/366.000; 435/377.000; 435/383.000; 435/384.000
        NCLS:
IC
        [6]
        ICM: C12N005-06
        ICS: C12N005-08; C12N005-02
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435/240.2; 435/325; 435/366; 435/368; 435/377; 435/383; 435/384
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 86 OF 101 USPATFULL on STN
ΑN
        1998:150454 USPATFULL
        Controlling proliferation of cells before and after encapsulation in a
ΤI
        bioartificial organ by gene transformation
        Schinstine, Malcolm, Ben Salem, PA, United States
Shoichet, Molly S., Toronto, Canada
Gentile, Frank T., Warwick, RI, United States
Hammang, Joseph P., Barrington, RI, United States
ΙN
        Holland, Laura M., Horsham, PA, United States
        Cain, Brian M., Everett, MA, United States
        Doherty, Edward J., Mansfield, MA, United States
        Winn, Shelley R., Smithfield, RI, United States
        Aebischer, Patrick, Lutry, Switzerland
PA
        CytoTherapeutics, Inc., United States (U.S. corporation)
ΡI
        US 5843431
                                    19981201
        US 1995-432698
ΑI
                                    19950509 (8)
RLI
        Continuation-in-part of Ser. No. US 1994-279773, filed on 20 Jul 1994
DT
        Utility
FS
        Granted
LN.CNT 2352
        INCLM: 424/093.210
INCL
        INCLS: 435/172.300; 435/174.000; 435/178.000; 435/377.000; 435/382.000; 435/395.000; 424/093.700; 424/422.000
NCL
        NCLM:
                424/093.210
                424/093.700; 424/422.000; 435/174.000; 435/178.000; 435/377.000;
        NCLS:
                435/382 000: 435/395 000: 435/467 000
IC
        [6]
        ICM: A61K048-00
        ICS: C12N011-00; C12N005-00; C12N011-10
EXF 435/174; 435/178; 435/172.3; 435/240.7; 435/240.22; 435/240.23; 435/240.24; 435/240.241; 435/240.242; 435/240.243; 435/395; 424/93.21; 424/93.7; 424/422
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 87 OF 101 USPATFULL on STN
AN
        1998:147298 USPATFULL
TI
        Methods and compositions of growth control for cells encapsulated within
        bioartificial organs
IN
        Schinstine, Malcolm, Ben Salem, PA, United States
        Shoichet, Molly S., Toronto, Canada
Gentile, Frank T., Warwick, RI, United States
        Hammang, Joseph P., Barrington, RI, United States
        Holland, Laura M., Horsham, PA, United States
        Cain, Brian M., Everett, MA, United States
Doherty, Edward J., Mansfield, MA, United States
        Winn, Shelley R., Smithfield, RI, United States
        Aebischer, Patrick, Lutry, Switzerland
PA
        CytoTherapeutics, Inc., United States (U.S. corporation)
PΙ
        us 5840576
                                    19981124
        US 1995-445193
                                    19950523 (8)
ΑI
RLI
        Division of Ser. No. US 1995-432698, filed on 9 May 1995 which is a
        continuation-in-part of Ser. No. US 1994-279773, filed on 20 Jul 1994
DT
        Utility
FS
        Granted
LN.CNT 2293
INCL
        INCLM: 435/325.000
        INCLS: 435/375.000; 435/377.000; 435/400.000
NCL
                435/325.000
        NCLM:
               435/375.000; 435/377.000; 435/400.000
        NCLS:
IC
        Γ61
        ICM: C12N005-00
EXF
        435/240.2; 435/240.22; 435/240.23; 435/240.242; 435/240.243; 435/325;
        435/375; 435/377; 435/400
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 88 OF 101 USPATFULL on STN
        1998:138431 USPATFULL
ΑN
TI
        Methods and compositions of growth control for cells encapsulated within
        bioartificial organs
IN
        Schinstine, Malcolm, Ben Salem, PA, United States
        Shoichet, Molly S., Toronto, Canada
        Gentile, Frank T., Warwick, RI, United States
        Hammang, Joseph P., Barrington, RI, United States
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Holland, Laura M., Horsham, PA, United States
        Cain, Brian M., Everett, MA, United States
        Doherty, Edward J., Mansfield, MA, United States
Winn, Shelley R., Smithfield, RI, United States
Aebischer, Patrick, Lutry, Switzerland
CytoTherapeutics, Inc., Lincoln, RI, United States (U.S. corporation)
PA
        uś 5833979
PΙ
                                     19981110
        US 1995-447771
                                     19950523 (8)
ΑI
        Division of Ser. No. US 1995-432698, filed on 9 May 1995 which is a
RLI
        continuation-in-part of Ser. No. US 1994-279773, filed on 20 Jul 1994
        Utility
DT
        Granted
FS
LN.CNT 2266
        INCLM: 424/093.210
INCL
        INCLS: 424/553.000; 424/556.000; 435/174.000; 435/352.000
NCL
        NCLM:
                 424/093.210
                 424/553.000; 424/556.000; 435/174.000; 435/352.000
        NCLS:
         [6]
IC
        ICM: A01N063-00
435/240; 435/243; 435/174; 435/352; 424/93.21; 424/553; 424/556
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 89 OF 101 USPATFULL ON STN
        1998:98815 USPATFULL
ΑN
        Method for controlling proliferation and differentiation of cells
TI
        encapsulated within bioartificial organs
TN
        Schinstine, Malcolm, Ben Salem, PA, United States
        Shoichet, Molly S., Toronto, Canada
Gentile, Frank T., Warwick, RI, United States
Hammang, Joseph P., Barrington, RI, United States
Holland, Laura M., Horsham, PA, United States
        Cain, Brian M., Everett, MA, United States
        Doherty, Edward J., Mansfield, MA, United States
        Winn, Shelley R., Smithfield, RI, United States
        Aebischer, Patrick, Lutry, Switzerland
        Cytotherapeutics, Inc., Lincoln, RI, United States (U.S. corporation)
PA
        us 5795790
PΙ
                                     19980818
                                     19950523 (8)
ΑI
        US 1995-448201
        Division of Ser. No. US 1995-432698, filed on 9 May 1995 which is a
RLI
        continuation-in-part of Ser. No. US 1994-279773, filed on 20 Jul 1994
DT
        Utility
        Granted
FS
LN.CNT 2311
INCL
         INCLM: 435/382.000
        INCLS: 424/093.700; 435/177.000; 435/178.000; 435/180.000; 435/182.000
NCL
        NCLM:
                 435/382.000
        NCLS:
                424/093.700; 435/177.000; 435/178.000; 435/180.000; 435/182.000
         [6]
        ICM: C12N005-00
        ICS: C12N011-02; C12N011-04; A61K035-12
435/177; 435/178; 435/240.7; 435/240.22; 435/240.23; 435/240.24;
435/240.241; 435/240.242; 435/240.243; 435/180; 435/182; 424/93.7
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 90 OF 101 USPATFULL ON STN
AN
        1998:95669 USPATFULL
        Compositions and methods for producing and using homogenous neuronal
TI
        cell transplants
IN
        Lee, Virginia M.-Y., Philadelphia, PA, United States
        Trojanowski, John Q., Philadelphia, PÁ, United States
The Trustees of the University of Pennsylvania, Philadelphia, PA, United
PA
        States (U.S. corporation)
PΙ
        us 5792900
                                     19980811
        wo 9512982
                      19950518
        us 1996-640894
                                     19960607 (8)
ΑI
                                     19941109
        wo 1994-us12899
                                                 PCT 371 date PCT 102(e) date
                                     19960607
                                     19960607
RLI
        Continuation of Ser. No. US 1993-150368, filed on 9 Nov 1993, now
        abandoned which is a continuation-in-part of Ser. No. US 1992-911980
        filed on 10 Jul 1992, now abandoned which is a division of Ser. No. US
        1991-780715, filed on 21 Oct 1991, now patented, Pat. No. US 5175103
        Utility
DT
FS
        Granted
LN.CNT 1120
        INCLM: 800/002.000
INCL
```

```
INCLS: 424/093.100; 424/093.200; 424/093.210; 424/093.700; 435/069.700;
                 435/070.100; 435/071.100; 435/172.300; 435/325.000; 435/368.000; 935/052.000; 935/070.000; 935/071.000; 935/099.000; 935/102.000
NCL
        NCLM:
                 800/012.000
                 424/093.100; 424/093.200; 424/093.210; 424/093.700; 435/069.700; 435/070.100; 435/071.100; 435/325.000; 435/368.000; 800/009.000
         NCLS:
         [6]
IC
         ICM: C12N015-00
         ICS: C12N005-06
         435/240.2; 435/172.3; 435/320.1; 435/69.7; 435/325; 435/368; 435/70.1;
EXF
        435/71.1; 424/93.1; 424/94.1; 424/93.2; 424/93.21; 424/93.7; 514/44; 800/2; 935/99; 935/102; 935/70; 935/71; 935/52
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 91 OF 101 USPATFULL on STN
L3
         1998:78994 USPATFULL
AN
         Method for controlling the distribution of cells within a bioartificial
TI
         organ using polycthylene oxide-poly (dimethylsiloxane) copolymer
IN
         Schinstine, Malcolm, Bensalem, PA, United States
        Shoichet, Molly S., Toronto, Canada
Gentile, Frank T., Warwick, RI, United States
Hammang, Joseph P., Barrington, RI, United States
Holland, Laura M., Horsham, PA, United States
         Cain, Brian M., Everett, MA, United States
        Doherty, Edward J., Mansfield, MA, United States Winn, Shelley R., Smithfield, RI, United States
        Aebischer, Patrick, Lutry, Switzerland
Cytotherapeutics, Inc., United States (U.S. corporation)
PΑ
        us 5776747
us 1995-447778
ΡI
                                       19980707
                                       19950523 (8)
AΙ
         Division of Ser. No. US 1995-432692, filed on 9 May 1995
RLI
         Continuation-in-part of Ser. No. US 1994-279973, filed on 20 Jul 1994
DT
         Utility
FS
         Granted
LN.CNT 2264
INCL
         INCLM: 435/177.000
         INCLS: 435/180.000; 435/181.000; 435/182.000
                435/177.000
NCL
         NCLM:
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IC
         Г61
         ICM: C12N011-02
         ICS: C12N011-08; C12N011-06; C12N011-04
         435/182; 435/177; 435/180; 435/181
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 92 OF 101 USPATFULL on STN
L3
         1998:72446 USPATFULL
ΑN
         Regulatable retrovirus system for genetic modification of cells
TI
IN
         Gage, Fred H., La Jolla, CA, United States
         Ray, Jasodhara, San Diego, CA, United States
         Hoshimaru, Minoru, Shiga-ken, Japan
PA
         The Regents of the University of California, Oakland, CA, United States
         (U.S. corporation)
         us 5770414
PΙ
                                       19980623
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        US 1996-602203
ΑI
                                       19960220 (8)
         Utility
DT
FS
         Granted
LN.CNT 1051
INCL
         INCLM: 435/172.300
         INCLS: 435/320.100; 435/353.000; 435/357.000
NCLM: 435/456.000
NCL
         NCLS: 435/320.100; 435/353.000; 435/357.000
IC
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         ICM: C12N015-00
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EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 93 OF 101 USPATFULL ON STN
L3
         1998:68873 USPATFULL
AN
TI
         Method for production of neuroblasts
         Gage, Fred H., La Jolla, CA, United States
TN
         Ray, Jasodhara, San Diego, CA, United States
The Regents of the University of California, Oakland, CA, United States
PA
         (U.S. corporation)
         us 5766948
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ΑI
           US 1993-147843
                                               19931103 (8)
          Continuation-in-part of Ser. No. US 1993-1543, filed on 6 Jan 1993, now
RLI
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DT
          Utility
FS
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LN.CNT 1536
INCL
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NCL
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IC
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EXF
           435/325; 435/366; 435/368; 435/404; 435/395; 435/402
L3
       ANSWER 94 OF 101 USPATFULL ON STN
           1998:54752
                            USPATFULL
          Isolation propagation and directed differentiation of stem cells from
ΤI
           embryonic and adult central nervous system of mammals
IN
           Johe, Karl K., Potomac, MD, United States
          CNS Stem Cell Technology, Inc., Bethesda, MD, United States (U.S.
PA
          corporation)
          US 5753506
US 1996-719450
PΙ
                                               19980519
                                               19960925 (8)
ΑI
          US 1996-18206P
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PRAI
          Utility
DT
FS
          Granted
LN.CNT 1705
          INCLM: 435/377.000
INCL
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NCLM: 435/377.000
NCL
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          NCLS:
IC
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           ICM: C12N005-08
EXF
           435/240.2; 435/240.21; 435/240.23; 435/240.1; 435/325; 435/347; 435/352;
          435/363; 435/366; 435/368; 435/375; 435/377
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
       ANSWER 95 OF 101 USPATFULL ON STN
          1998:51459 USPATFULL
ΑN
TI
          In vitro growth and proliferation of genetically modified multipotent
          neural stem cells and their progeny
          Weiss, Samuel, Alberta, Canada
IN
          Reynolds, Brent, Alberta, Canada
          Hammang, Joseph P., Barrington, RI, United States
Baetge, E. Edward, Barrington, RI, United States
NeuroSpheres Holdings Ltd., Calgary, Canada (non-U.S. corporation)
US 5750376
19980512
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PA
ΡI
ΑI
          us 1995-483122
                                               19950607 (8)
          Continuation-in-part of Ser. No. US 1994-270412, filed on 5 Jul 1994,
RLI
          now abandoned Ser. No. Ser. No. US 1995-385404, filed on 7 Feb 1995, now
          abandoned Ser. No. Ser. No. US 1994-359945, filed on 20 Dec 1994, now abandoned Ser. No. Ser. No. US 1995-376062, filed on 20 Jan 1995, now abandoned Ser. No. Ser. No. US 1993-149508, filed on 9 Nov 1993, now abandoned Ser. No. Ser. No. US 1994-311099, filed on 23 Sep 1994, now
          abandoned And Ser. No. US 1994-338730, filed on 14 Nov 1994, now
          abandoned which is a continuation-in-part of Ser. No. US 1991-726812
          filed on 8 Jul 1991, now abandoned , said Ser. No. US 1995-385404, filed on 7 Feb 1995, now abandoned which is a continuation of Ser. No. US 1992-961813, filed on 16 Oct 1992, now abandoned which is a continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, now abandoned, said Ser. No. US 1994-359345, filed on 20 Dec 1994, now abandoned which is a continuous of Ser. No. US 1994-221655, filed on 1
          Apr 1994, now abandoned which is a continuation of Ser. No. US
          1992-967622, filed on 28 Oct 1992, now abandoned which is a
          continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, now abandoned, said Ser. No. US 1995-376062, filed on 20 Jan 1995, now abandoned which is a continuation of Ser. No. US 1993-10829, filed on 29 Jan 1993, now abandoned which is a continuation-in-part of Ser. No. US 1991-726812, filed on 8 Jul 1991, now abandoned, said Ser. No. US 1994-270412, filed on 5 Jul 1994, now abandoned Ser. No. Ser. No. US 1993-149508, filed on 9 Nov 1993, now abandoned Ser. No. US
          1993-149508, filed on 9 Nov 1993, now abandoned And Ser. No. US
          1994-311099, filed on 23 Sep 1994, now abandoned , each Ser. No. US which is a continuation-in-part of Ser. No. US 1991-726812, filed on 8
          Jul 1991, now abandoned
          Utility
DT
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Granted
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LN.CNT 4339
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INCL
        INCLS: 435/069.100; 435/172.300; 435/325.000; 435/368.000; 435/377.000;
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NCL
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EXF
        435/384; 435/392; 435/395
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 96 OF 101 USPATFULL ON STN
L3
        1998:27764 USPATFULL
AN
        Tumor- or cell-specific herpes simplex virus replication
TI
        Martuza, Robert L., Chevy Chase, MD, United States
IN
        Rabkin, Samuel D., Bethesda, MD, United States
        Miyatake, Shin-ichi, Ohtsu, Japan
PA
        Georgetown University, Washington, DC, United States (U.S. corporation)
        us 5728379
PΙ
                                   19980317
        US 1995-486147 19950607 (8)
Continuation-in-part of Ser. No. US 1994-264581, filed on 23 Jun 1994,
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ΑI
RLI
        now patented, Pat. No. US 5585096
DT
        Utility
FS
        Granted
LN.CNT 2532
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INCL
        INCLS: 435/172.300; 435/320.100; 935/022.000; 935/032.000
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                435/320.100; 435/456.000
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        ICM: A01N063-00
        ICS: A61K048-00; C12N015-00
EXF 514/44; 435/172.3; 435/320.1; 424/93.2; 935/23; 935/32 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 97 OF 101 USPATFULL ON STN
ΑN
        97:106979 USPATFULL
TT
        Transgenic mouse cells expressing ts SV40 large T
        Jat, Parmjit Singh, London, England
IN
       Kioussis, Dimitris, London, England
Noble, Mark David, Berkhamstead, England
Ludwig Institute for Cancer Research, New York, NY, United States (U.S.
PA
        corporation)
        US 5688692
PΙ
                                   19971118
        US 1993-17320
ΑI
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        Continuation of Ser. No. US 1991-657809, filed on 20 Feb 1991, now
RLI
        abandoned
PRAI
        GB 1990-3791
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        Utility
DT
FS
        Granted
LN.CNT 1984
INCL
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        INCLS: 435/325.000; 435/377.000; 435/069.100; 800/002.000
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IC
        [6]
        ICM: C12N005-00
        ICS: C12N015-00; C12P021-06
        800/2; 435/240.1
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 98 OF 101 USPATFULL on STN
        96:55532 USPATFULL
AN
        In vivo transfer of the HSV-TK gene implanted retroviral producer cells
TI
        Barba, David, San Diego, CA, United States
IN
       Gage, Fred H., La Jolla, CA, United States
The Regents of the University of California, Oakland, CA, United States
PΔ
       (U.S. corporation)
US 5529774
                                   19960625
PΙ
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       us 1991-744335
                                   19910813 (7)
ΑI
        Utility
DT
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Granted
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LN.CNT 852
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NCL
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               424/093.200; 424/093.600; 514/044.000
        NCLS:
IC
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        ICM: A01N063-00
ICS: A01N043-04; A61K048-00; A61K031-70 EXF 424/520; 514/44 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 99 OF 101 USPATFULL on STN
L3
ΑN
        94:71120 USPATFULL
        DNA encoding
                        ***nestin***
ΤI
                                         protein
       McKay, Ronald D. G., Brookline, MA, United States
Lendahl, Urban, Stockholm, Sweden
Massachusetts Institute of Technology, Cambridge, MA, United States
IN
PA
        (U.S. corporation)
        ùs 5338839
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PΙ
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        us 1992-853913
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        Continuation-in-part of Ser. No. US 1991-660412, filed on 22 Feb 1991,
RLI
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        1990-603803, filed on 25 Oct 1990, now abandoned which is a
        continuation-in-part of Ser. No. US 1988-201762, filed on 2 Jun 1988, now abandoned which is a continuation-in-part of Ser. No. US
        1988-180548, filed on 12 Apr 1988, now abandoned
DT
        Utility
FS
        Granted
LN.CNT 1810
INCL
        INCLM: 536/235.000
        INCLS: 536/024.310; 435/006.000; 435/912.000; 935/009.000; 935/011.000;
                935/078.000
NCL
        NCLM:
               536/023.500
        NCLS:
              435/006.000; 435/091.200; 536/024.310
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        ICM: C07H021-04
        ICS: C12Q001-68
435/6; 435/91; 536/27; 536/23.5; 536/24.31; 536/24.33; 935/77; 935/78;
EXF
        485/91.2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 100 OF 101 WPIDS
                                 COPYRIGHT 2004 THOMSON DERWENT ON STN
     1998-413685 [35]
ΑN
                          WPIDS
DNC
     C1998-124785
     Isolation of brain stem cell types - used for treatment of neuronal
     disorders, e.g. traumatic injury, neuro-degenerative disease, multiple
     sclerosis, neuroma or stroke.
     A96 B04 D16
IN
     KUKEKOV, V G; LAYWELL, E D; STEINDLER, D A; THOMAS, L B; KUKEKOU, V G
PA
      (STEI-I) STEINDLER D A; (UYTE-N) UNIV TENNESSEE RES FOUND
CYC
     81
PΙ
     wo 9830678
                     A1 19980716 (199835)* EN
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             MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG
             US UZ VN YU ZW
                     A 19980803 (199850)
B1 20031028 (200372)
     AU 9861311
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     US 6638763
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ADT
     WO 9830678 A1 WO 1998-US366 19980107; AU 9861311 A AU 1998-61311 19980107;
     US 6638763 B1 Provisional US 1997-34910P 19970107, WO 1998-US366 19980107,
     US 1999-402227 19991001
FDT
     AU 9861311 A Based on WO 9830678; US 6638763 B1 Based on WO 9830678
PRAI US 1997-34910P
                       19970107; US 1999-402227
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ICS A61K035-30; C12N005-02; C12N005-06
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     ANSWER 101 OF 101 WPIDS COPYRIGHT 2004 THOMSON DERWENT ON STN
     1994-048851 [06]
AN
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     1997-401850 [37];
                          1997-511308 [47]; 1998-031745 [03]; 1999-069738 [06]
CR
                          DNC C1994-022139
DNN
     N1994-038383
TI
     Mammalian multi-potent neural stem cells - are capable of self renewal and
     differentiation to neuronal and glial progenitor(s), and their
     immortalised forms, useful in transplantation or gene therapy of nervous
```

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system diseases.
DC
     BO4 D16 P14 S03
IN
     ANDERSON, D J; STEMPLE, D L; ANDERSON, D; STEMPLE, D
      (CALY) CALIFORNIA INST OF TECHNOLOGY; (CALY) CALIFORNIA INST OF TECHN
PA
     22
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     wo 9402593
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         RW: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
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     EP 658194
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A 19981020 (199849)
     AU 678988
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     us 5824489
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     WO 9402593 A1 WO 1993-US7000 19930726; AU 9348375 A AU 1993-48375
ADT
     19930726, WO 1993-US7000 19930726; EP 658194 A1 EP 1993-921175 19930726, WO 1993-US7000 19930726; JP 08500245 W WO 1993-US7000 19930726, JP 1994-504741 19930726; US 5589376 A Cont of US 1992-920617 19920727, US
     1994-290228 19940815; NZ 256154 A NZ 1993-256154 19930726, WO 1993-US7000
     19930726; AU 678988 B AU 1993-48375 19930726; US 5824489 A CIP of US
     1992-920617 19920727, Cont of US 1992-969088 19921029, US 1994-290229
     19940815
FDT
     AU 9348375 A Based on WO 9402593; EP 658194 A1 Based on WO 9402593; JP
     08500245 W Based on WO 9402593; NZ 256154 A Based on WO 9402593; AU 678988
     B Previous Publ. AU 9348375, Based on WO 9402593
PRAI US 1992-969088
                         19921029; US 1992-920617
                                                       19920727; US 1994-290228
     19940815; US 1994-290229
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           A01K067-027; A61K035-30; C12N005-08; C12N005-10; C12N015-09; C12P021-08; G01N033-566; G01N033-569; G01N033-577; G01N033-68
     ICS
     C12P021-08, C12R001:91
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